



AF/1731

Docket No.: 21029-00182-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Alicja Borysowicz, et al

Application No.: 09/343,684

Group Art Unit: 1731

Filed: June 30, 1999

Examiner: S. Vincent

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MAY 27 2003  
TC 1700

For: APPARATUS FOR CONTROLLING GLASS MELTING AND/OR REFINING FURNACES

**AMENDMENT AND SECOND REQUEST FOR RECONSIDERATION**

BOX AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 22, 2003

Dear Sir:

In further response to the Office Action dated December 4, 2002, finally rejecting claims 10 and 12-18, the Examiner is requested to consider the following remarks that have been formulated in view of the Examiner's Advisory Action dated March 12, 2003.

**IN THE CLAIMS:**

*Please cancel claim 14 and amend claim 10 as follows:*

10. (Amended) A system for controlling the melting of a glass batch in a glass melting furnace and comprising:

a plurality of sensors for detecting different types of operating conditions in a furnace;

means for creating, and analyzing images taken inside a furnace in accordance with a predetermined mathematical model;